

What is claimed:

1. A tablet dispenser for dispensing individual solid objects comprising a lower housing, an upper housing with an elastomeric cover that covers at least a portion of a trigger mechanism, a elastomeric cover of at least a portion of the lower housing and
5 a dispenser mechanism that is dimensioned to fit within the housings, the dispenser mechanism has a container region and a dispenser zone, the dispenser mechanism has a spring element and a lever mechanism pivotally mounted in the dispensing zone, an interior of the lower housing is provided with a pusher bar which extends from a fore wall of the lower housing back towards an upward extending leg of the lever mechanism,
10 the pusher bar, upward extending leg and a hook element are configured so that the pusher bar is not in contact with the upward extending leg and the extending leg is set back from an opening situated on a fore wall of the lower housing and a hook element of the lever mechanism extends into the dispenser zone blocking tablets from being dispensed through the opening when the dispenser mechanism is at rest but, at the same
15 time, when sufficient force is applied to the elastomeric cover, the dispenser mechanism moves forward, towards the fore wall of the lower housing and the upward extending leg of the lever mechanism contacts the pusher bar, as the upward extending leg pivots in the direction opposite the direction in which the dispenser mechanism is moving, the hook element of the lever mechanism pivots in the opposite direction of the upward extending
20 leg and thus removing the impediment prohibiting the tablet from passing through the opening of the dispensing mechanism.

2. The tablet dispenser of claim 1 wherein a lip seal cover the opening in the lower housing and the lip seal is configured so that the upward extending leg opens a slit in the lip seal to allow a tablet to pass therethrough, the lip seal forms a substantially
25 moisture tight container.

3. The tablet dispenser of claim 1 wherein the elastomeric cover is provided with a button that extends into an opening of the upper housing, the button and the opening form an interference fit with prongs so that, when the force is removed from the elastomeric cover, the cover returns to it original shape, and pulls the dispenser
30 mechanism back to its original position within the housing.

4. The tablet dispenser of claim 2 wherein the the seal is overmolded to form a substantially moisture tight seal, prohibiting the ingress of moisture into the housing.

5. A tablet dispenser for dispensing individual solid objects comprising a lower housing, an upper housing with a trigger mechanism, a dispenser mechanism that is dimensioned to fit within the housings, the dispenser mechanism has a container region and a dispenser zone, the dispenser mechanism has a spring element and a lever mechanism pivotally mounted in the dispensing zone, an interior of the lower housing is provided with a pusher bar which extends from a fore wall of the lower housing back towards an upward extending leg of the lever mechanism, the pusher bar, upward extending leg and a hook element are configured so that the pusher bar is not in contact with the upward extending leg and the extending leg is set back from an opening situated on a fore wall of the lower housing and the hook element of the lever mechanism extends into the dispenser zone blocking tablets from being dispensed through the opening when the dispenser mechanism is at rest but, at the same time, when sufficient force is applied to the trigger mechanism, the dispenser mechanism moves forward, towards the fore wall of the lower housing and the upward extending leg of the lever mechanism contacts the pusher bar, as the upward extending leg pivots in the direction opposite the direction in which the dispenser mechanism is moving, the hook element of the lever mechanism pivots in the opposite direction of the upward extending leg and thus removing the impediment prohibiting the tablet from passing through the opening of the dispensing mechanism.

6. A method for dispensing individual solid objects from a dispenser comprising the following steps:

blocking tablets from being dispensed through an opening when the dispenser mechanism is at rest by employing a dispenser mechanism, the dispenser mechanism has a container region and a dispenser zone, the dispenser mechanism has a lever mechanism pivotally mounted in the dispensing zone, an interior of the lower housing is provided with a pusher bar which extends from a fore wall of the lower housing back towards an upward extending leg of the lever mechanism, the pusher bar, upward extending leg and a hook element are configured so that the pusher bar is not in contact with the upward extending leg and the extending leg is set back from an opening situated on a fore wall of

the lower housing and the hook element of the lever mechanism extends into the dispenser zone

applying sufficient force to a trigger mechanism that contacts the dispenser mechanism so that the dispenser mechanism moves forward, towards the fore wall of the lower housing and the upward extending leg of the lever mechanism contacts the pusher bar, as the upward extending leg pivots in the direction opposite the direction in which the dispenser mechanism is moving, the hook element of the lever mechanism pivots in the opposite direction of the upward extending leg that results in allowing the tablet to pass through the opening of the dispensing mechanism.

7. A tablet dispenser for dispensing individual solid objects comprising a housing and a dispenser mechanism that is dimensioned to fit within the housing, the dispenser mechanism has a container region and a dispenser zone, the dispenser mechanism has a spring element and a dual lever mechanism pivotally mounted in the dispensing zone, an interior of the lower housing is provided with a pusher bar which extends from a fore wall of the housing back towards an upward extending leg of the first lever mechanism, the pusher bar, upward extending leg and a first hook element are configured so that the pusher bar is not in contact with the upward extending leg and the extending leg is set back from an opening situated on a fore wall of the housing and the first hook element of the first lever mechanism extends into the dispenser zone blocking tablets from being dispensed through the opening and a second lever mechanism comprises a sloped wall which extends from a side wall of the housing towards a first side of a second hook element of the second lever mechanism, the sloped wall and the first side of the second hook element are configured so that the sloped wall just contacts the first side of the second hook element and a second side of the second hook element of the lever mechanism extends into the dispenser zone blocking a second tablet from being dispensed through the opening when the dispenser mechanism is at rest but, at the same time, when sufficient force is applied to a top portion of the housing, the dispenser mechanism moves forward, towards the fore wall of the housing and the upward extending leg of the dual lever mechanism contacts the pusher bar, as the upward extending leg pivots in the direction opposite the direction in which the dispenser mechanism is moving, the hook element of the first lever mechanism pivots in the

opposite direction of the upward extending leg and thus removing the impediment prohibiting the tablet from passing through the opening of the dispensing mechanism while at the same time that the dispenser is moving forward, the first side of the second hook element continually contacts the sloped wall so that the first side of the second hook element moves inward causing the second side of the second hook element of the second lever mechanism to also pivot inward and thus blocking a second tablet from moving into the dispensing zone.

8. A method for dispensing individual solid objects from a dispenser comprising the following steps:

blocking tablets from being dispensed through an opening when the dispenser mechanism is at rest by employing a dispenser mechanism, the dispenser mechanism has a container region and a dispenser zone, the dispenser mechanism has a dual lever mechanism pivotally mounted in the dispensing zone, an interior of the lower housing is provided with a pusher bar which extends from a fore wall of the lower housing back towards an upward extending leg of the lever mechanism, the pusher bar, upward extending leg and a first hook element are configured so that the pusher bar is not in contact with the upward extending leg and the extending leg is set back from an opening situated on a fore wall of the lower housing and a first hook element of the first lever mechanism extends into the dispenser zone and a second lever mechanism comprises a sloped wall which extends from a side wall of the lower housing towards a first side of a second hook element of the second lever mechanism, the sloped wall and the first side of the second hook element are configured so that the sloped wall just contacts the first side of the second hook element and a second side of the second hook element of the lever mechanism extends into the dispenser zone blocking a second tablet from being dispensed through the opening;

applying sufficient force to a top of the housing that contacts the dispenser mechanism so that the dispenser mechanism moves forward, towards the fore wall of the lower housing and the upward extending leg of the lever mechanism contacts the pusher bar, as the upward extending leg pivots in the direction opposite the direction in which the dispenser mechanism is moving, the hook element of the first lever mechanism pivots in the opposite direction of the upward extending leg that results in allowing the tablet to

pass through the opening of the dispensing mechanism while at the same time that the dispenser is moving forward, the first side of the second hook element continually contacts the sloped wall so that the first side of the second hook element moves inward causing the second side of the second hook element of the second lever mechanism to also pivot inward and thus blocking a second tablet from moving into the dispensing zone.

9. The tablet dispenser of claim 5 or 7 wherein the opening in the lower housing contains an elastomeric material that is used to construct a lip seal whereby the lip seal remains moisture tight when the seal is closed, and is opened only for the time needed to pass a tablet through the opening.

10. The tablet dispenser of claim 5 or 7 wherein at least a portion of either the lower housing, the upper housing or the dispenser mechanism is composed of a desiccant entrained plastic.

11. The tablet dispenser of claim 5 or 7 wherein the lower housing is over-molded in a two-shot injection molding machine.

12. The tablet dispenser of claim 5 wherein the lower housing is made in a an injection molding process.

13. The tablet dispenser of claim 5 or 7 wherein sufficient force so as to dispense the tablet comprises applying at least two independent motions.